EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	57	czochralski and (cu or copper) near15 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 03:50
S2	37	nv near15 osf and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 03:59
S5	79	(cu or copper) near15 (si or silicon) near5 (monocrystal$5 or single near2 crystal$6) and czochralski and @py<"2008"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 04:23
S4	95	(cu or copper) near15 (si or silicon) near5 (monocrystal$5 or single near2 crystal$6) and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 04:23
S3	1375	(cu or copper) near15 (si or silicon) near5 (monocrystal$5 or single near2 crystal$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 04:23
S7	3	"05009096"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 04:34
S6	3	"05090196"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 04:34
S8	3	"05238874"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 04:36
S9	140	czochralski and quartz near15 (cylinder or flow near2 guid$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 18:11
S10	90	czochralski and quartz near15 (cylinder or flow near2 guid$4) and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 18:12

S11	90	czochralski and quartz near15 (cylinder or flow near2 guid$4) and @py<"2006" and quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 18:13
S12	51	czochralski and quartz near15 (cylinder or flow near2 guid$4) and @py<"2006" and quartz not near2 crucible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 18:14
S14	22	czochralski and quartz near5 window and @py<"2006" and "117"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 19:16
S13	35	czochralski and quartz near5 window and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 19:16
S15	7	czochralski and clean near2 room near10 class	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 19:54
S16	4	"20030000457" "20030116082"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 22:46
S17	731	(si or silicon) near15 (cu or copper) near2 concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 22:52
S18	28	(si or silicon) near5 (single near2 crystal$5 or monocrystal$6) near15 (cu or copper) near2 concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 22:53
S20	8	"03080193" "11116392"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 22:58
S19	15	"2003327493" "06234597" "0181661" "04108683" "5609682"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 22:58
S22	43	(si or silicon) near5 (single near2 crystal$5 or monocrystal$6) and (si or silicon) near10 (cu or copper) near2 concentration and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 23:01
S21	103	(si or silicon) near5 (single near2 crystal$5 or monocrystal$6) and (si or silicon) near10 (cu or copper) near2 concentration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/26 23:01

S23	2	"6528394".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/27 06:11
S24	1	"6086673".pn. and sccm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/27 06:41
S25	3	"20050093003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/27 06:42
S27	3	synthetic and quartz near5 window and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:30
S26	0	synthetic near5 quartz near5 window and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:30
S29	132	synthetic near5 quartz and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:31
S28	1330256	synthetic ner5 quartz and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:31
S33	93	synthetic near5 (silica quartz) not near10 crucible and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:35
S32	137	synthetic near5 (silica quartz) not near10 crucible and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:35
S31	143	synthetic near5 (silica quartz) not near5 crucible and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:35
S30	165	synthetic near5 (silica quartz) and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:35
S34	11	synthetic near5 (silica quartz) near10 (tube or insulat$5 or window or open$4) and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:39

S35	68	(silica quartz) near20 window and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:45
S37	2	(synthetic) near5 (silica quartz) and (silica quartz) near20 window and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:46
S36	0	(synthetic) near5 (silica quartz) near20 window and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:46
S38	12	(silica quartz) near20 (window and (pure purity)) and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 09:57
S39	70	(silica quartz) near20 ((pure purity)) and (quartz or silica) near10 part and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 10:04
S40	17	(silica quartz) near20 ((pure purity)) and (quartz or silica) near10 shield$4 and czochralski and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 10:07
S41	15	clean$5 near10 quartz near5 crucible and Czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 11:30
S43	4	S42 and quartz near10 window	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/28 11:46
S42	26	(US-20070158653-$ or US-20050120945-$ or US-20040007790-$ or US-20060130738-$ or US-20050090079-$ or US-20030116082-$ or US-20030079674-$ or US-20050129603-$ or US-20080035050-$ or US-20030203519-$).did. or (US-5762672-$ or US-5730800-$ or US-5667585-$ or US-5378900-$ or US-6068699-$ or US-5734195-$ or US-5158906-$ or US-5943552-$ or US-5810934-$ or US-5373805-$ or US-5361721-$).did. or (EP-691423-$).did. or (JP-05009096-$ or JP-05238874-$ or JP-03080193-$).did. or (EP-419044-$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/02/28 11:46
S45	1	"10586953" and hz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 15:38

S44	1	"10586953"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 15:38
S46	1	"10586953" and hz near15 (quartz or crucible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 15:40
S47	2	"6344083".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 15:49
S48	3	"4632817".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 16:05
S49	13	(Nacl moo cscl) near15 ("al.sub.2o.sub.3" "zro.sub.2o.sub.3" zirconium adj oxide) near15 (graphite w tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 16:13
S50	153	(Nacl moo cscl) near15 ("al.sub.2o.sub.3" "zro.sub.2o.sub.3" zirconium adj oxide) and (graphite w tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 16:20
S51	21	(Nacl moo cscl) near15 ("al.sub.2o.sub.3" "zro.sub.2o.sub.3" zirconium adj oxide) same (graphite w tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/14 16:21
S53	21	czochralski and (cu copper) near15 quartz near15 (impur$5 ppb ppm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:22
S52	59	czochralski and (cu copper) near15 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:22
S54	84	czochralski and quartz near15 window	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:23
S57	43	czochralski and quartz near5 window and @py<"2007"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:24
S56	64	czochralski and quartz near5 window	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:24

S55	0	czochralski and synthetic near5 quartz near15 window	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:24
S60	8	czochralski and synthetic near5 quartz near10 (furance part)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:26
S59	143	czochralski and synthetic near5 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:26
S58	0	czochralski and quartz near5 window and synthetic near5 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:26
S61	75	czochralski and synthetic near5 quartz and @py< "2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:27
S64	184	window near5 synthetic near5 quartz and @py< "2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:28
S63	194	quartz near5 window same synthetic near5 quartz and @py< "2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:28
S62	279	quartz near5 window and synthetic near5 quartz and @py< "2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:28
S65	4	window near5 synthetic near5 quartz and @py< "2006" and "117"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:29
S66	2	window near5 synthetic near5 quartz and @py< "2006" and crucible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:30
S67	1	window near5 synthetic near5 quartz near15 (cu copper) and @py< "2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:31
S69	15	(copper or cu) near10 impur$5 near15 quartz and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:32

S68	242	(copper or cu) near10 impur$5 and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:32
S72	1	(copper or cu) near10 impur$5 near15 (furnace reactor chamber) and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:34
S71	35	(copper or cu) near10 impur$5 same (furnace reactor chamber) and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:34
S70	242	(copper or cu) near10 impur$5 and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:34
S73	54	quartz near3 window and czochralski	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:42
S75	12	quartz near3 window and czochralski.ab. and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:43
S74	33	quartz near3 window and czochralski and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:43
S77	13	quartz near3 synthetic and czochralski.ab. and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:46
S76	0	quartz near3 sythetic and czochralski.ab. and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:46
S78	4	quartz near3 bell and czochralski.ab. and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:49
S80	39	quartz near13 observ$5 and czochralski and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:51
S79	2	quartz near3 observ$5 and czochralski.ab. and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:51

S82	15	quartz near13 laser and czochralski and @py<"2006" and synthetic near4 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:52
S81	8	quartz near13 observ$5 and czochralski and @py<"2006" and synthetic near4 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:52
S84	32	quartz near13 bell and czochralski and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:53
S83	4	quartz near13 bell and czochralski and @py<"2006" and synthetic near4 quartz	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:53
S85	18	quartz near13 bell and czochralski near15 (si silicon) and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:54
S86	7	quartz near13 bell same czochralski and @py<"2006"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2012/03/11 01:55
L3	1	"20010008117" and quartz	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/03/11 22:08
L7	4	high near2 purity near3 quartz near15 (window part) and czochralski and @py<"2006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/03/12 01:06
L6	109	high near2 purity near3 quartz and czochralski and @py<"2006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/03/12 01:06
L5	154	high near2 purity near3 quartz and czochralski	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/03/12 01:06
L4	2610	high near2 purity near3 quartz	US-PGPUB; USPAT;	OR	OFF	2012/03/12 01:06

			USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB				
L8	68	high near2 purity near3 quartz not near2 crucible and czochralski and @py<"2006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2012/03/12 01:07

EAST Search History (Interference)

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